

ABSTRACT OF THE DISCLOSURE

A method of time division multiplexing for a forward data packet channel includes encoding parallel
5 data sub-packets into parallel streams of turbo codes;
interleaving each of the parallel streams of turbo codes
to generate parallel streams of quasi-complementary turbo
codes; modulating the parallel streams of quasi-
complementary turbo codes to generate parallel streams of
10 modulated data symbols; and multiplexing the parallel
streams of modulated data symbols by one of multiplexing
and non-complete puncturing to generate a single stream
of modulation symbols.